

Grade 5

				Backyard Bats	Beach Goodies	Bug Pickings	Coastal Critter Bingo	Crab March	Event Planning	Fish Prints	Fish Rubbing Plates	Mystery Fish Kill
Science	Scientific Investigation and Reasoning	1. Conducts classroom and outdoor investigations following home and school safety procedures	A. Demonstrate safe practices and use of safety equipment	X	X	X	X	X				
			B. Make informed choices in the use and conservation of natural resources			X	X	X	X	X		
		2. Uses scientific inquiry methods during laboratory and outdoor investigations	C. Collect information by detailed observations and accurate measuring		X	X	X				X	
			D. Analyze and interpret information to construct reasonable explanations from direct and indirect evidence		X	X	X				X	
			F. Communicate valid conclusions in both written and verbal forms		X	X	X				X	
		3. Uses critical thinking and scientific problem solving to make informed decisions	C. Draw or develop a model that represents how something works or looks that cannot be seen	X		X	X		X		X	
		4. How to use a variety of tools, materials, equipment and models to conduct science inquiry	A. Collect, record and analyze information using tools			X	X				X	
	Earth and Space	7. Knows Earth's surface is constantly changing and consists of useful resources	B. Recognize how landforms such as deltas, canyons, and sand dunes are the result of changes to Earth's surface by wind, water, and ice				X					
	Organisms and Environments	9. Knows that there are relationships, systems, and cycles within environments	A. Observe the way organisms live and survive in their ecosystem by interacting with the living and non-living elements			X	X				X	
			B. Describe how the flow of energy derived from the Sun, used by producers, is transferred through a food chain and food web			X	X					
			C. Predict the effects of changes in ecosystems caused by living organisms			X					X	
		10. Knows that organisms undergo similar life processes and have structures that help them survive within their environment	A. Compare the structures and functions of different species that help them live and survive	X	X	X	X		X	X	X	

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English Language Arts and Reading	Reading/ Vocabulary Development	2. Understand new vocabulary and use it when reading and writing	A. Determine the meaning of grade-level academic English words derived from Latin, Greek, or other linguistic roots and affixes			x	x		x		x		
			B. Use context to determine or clarify the meaning of unfamiliar or multiple meaning words			x	x		x		x		
	Reading/ Comprehension of Informal Text/Expository Text	11. Analyze, make inferences and draw conclusions about expository text and provide evidence from text to support their understanding	D. Use multiple text features to gain an overview of the contents of text and to locate information			x	x			x		x	
		13. Understand how to glean and use information in procedural texts and documents	B. Interpret factual or quantitative information presented in maps, charts, illustrations, graphs, timeline, tables, and diagrams										x
	Listening and Speaking/ Listening	27. Use comprehension skills to listen attentively to others in formal and informal settings	A. Listen attentively to speakers, ask relevant questions, and make pertinent comments	x	x	x	x	x		x		x	
			B. Follow, restate, and give oral instructions that include multiple action steps	x			x	x		x		x	
	Listening and Speaking/ Teamwork	29. Work productively with others in teams							x				

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Social Studies	Geography	9. Understand how people adapt to and modify their environment	A. Describe how and why people have adapted to and modified their environment in the United States, past and present	x								x
			B. Analyze the positive and negative consequences of human modification of the environment in the United States, past and present									x
	Economics	13. Understands patterns of work and economic activities in the United States, past and present	A. Describe how and why people have adapted to and modified their environment in the United States	x		x		x				x
	Social Studies Skills	24. Applies critical-thinking skills to organize and use information acquired from a variety of sources	B. Analyze information by sequencing, categorizing, identifying cause-and-effect relationships, comparing, contrasting, finding the main idea, summarizing, making generalizations and predictions, and drawing inferences and conclusions		x	x	x		x			x
			A. Use a problem-solving process to identify a problem, gather information, list and consider options, consider advantages and disadvantages, choose and implement a solution, and evaluate the effectiveness of the solution			x		x				x
		26. Uses problem-solving and decision-making skills in a variety of settings	B. Use a decision-making process to identify a situation that requires a decision, gather information, identify options, predict consequences, and take action to implement a decision.					x				

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Physical Education	Movement	1. Demonstrates competency in movement patterns and proficiency in a few specialized movement forms	C. Demonstrate attention to form, power, accuracy, and follow-through in performing movement skills	X								
		2. Applies movement concepts and principles to the learning and development of motor skills	A. Identify common phases in a variety of movement skills	X								
			B. Identify the importance of various elements of performance for different stages during skill learning such as form, power, accuracy, and consistency	X								
	Physical Activity and Health	3. Exhibits a health-enhancing, physically-active lifestyle that provides opportunities for enjoyment and challenge	C. Explain the value of participation in community physical activities	X								
		5. Understands and applies safety practices associated with physical activities	A. Use equipment safely and properly	X								
			C. Describe the importance of taking personal responsibility for reducing hazards, avoiding accidents, and preventing injuries during physical activity	X								
	Social Development	7. The student develops positive self-management and social skills needed to work independently and with others in physical activity settings	A. Follow rules, procedures, and etiquette	X								

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Fine Arts	Creative Expression	2. Communicates ideas through original artworks using a variety of media with appropriate skills	C. Produce drawings; paintings; sculpture, including modeled forms; and other art forms using a variety of art media and materials									
	Historical and Cultural Relevance	3. Demonstrates an understanding of art history and culture by analyzing artistic styles, historical periods and a variety of cultures.	A. Produce drawings; paintings; sculpture; and other art forms using a variety of art media and materials						x	x		
			B. Compare the purpose and effectiveness of artworks created by historic and contemporary men and women, making connections to various cultures						x			
Career Development	Exploring Careers *designed for 7th and 8th grade, but several are met by Coastal Expo activities	2. Analyzes personal interests and aptitudes regarding education and career planning	E. Identify entrepreneurial opportunities within a field of personal interest									
		4. Evaluates skills for personal success	B. Use interpersonal skills to facilitate effective teamwork						x			x
			C. Use problem-solving model and critical-thinking skills to make informed decisions						x			
			D. Use effective time-management and goal-setting strategies						x			
			E. Effectively use information and communication technology tools						x			
			F. Identify skills that can be transferable among a variety of careers						x			
		7. Develops skills for professional success	A. Demonstrate effective verbal, nonverbal, written, and electronic communication skills						x			
			C. Model characteristics of effective leadership, teamwork, and conflict management						x			
			E. Explore and model characteristics necessary for professional success						x			
			F. Complete activities using project- and time-management techniques						x			
		8. Identifies and explores technical skills essential to careers in multiple occupations	A. Complete actual or virtual labs to simulate the technical skills required in various occupations						x			x